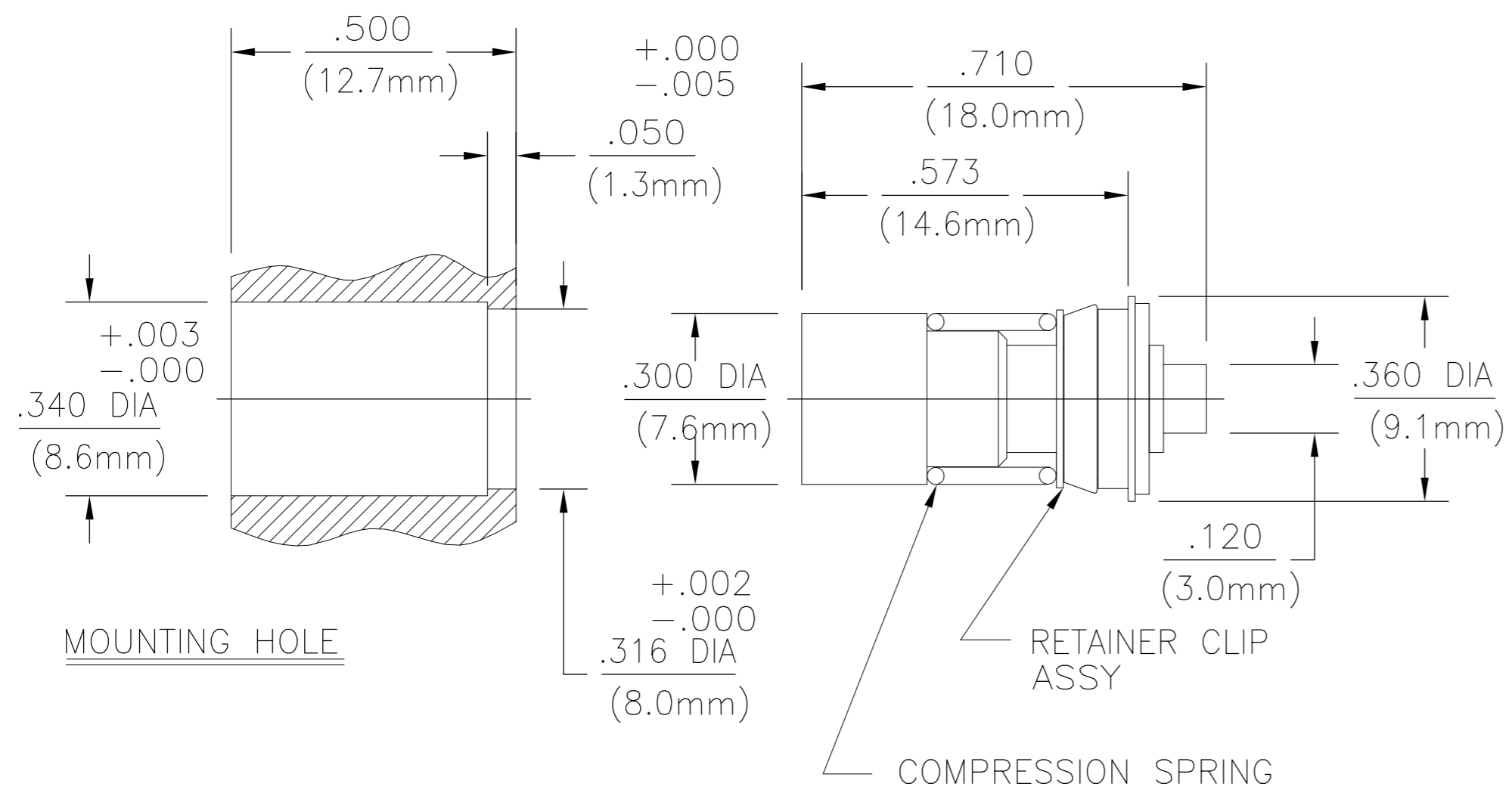


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DESIGNED FOR USE WITH .085 SEMI-RIGID CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.089
CONTACT	.0215

REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
A1		REV PER ECO 07-011043	11MAY2007	DW FB

△ 1 BUSHING AND RETAINING CLIP
OMMITED FROM -2 PART NUMBER



△ 1	1059467-2
	1059467-1
	PART NUMBER

HOUSING BUSHING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
CONTACT SLEEVE	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
RETAINING CLIP CONTACT RING SHIM	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
SPRING	STAINLESS STEEL	PASSIVATE PER QQ-P-35
RETAINING RING	BERYLLIUM COPPER PER QQ-C-533	GOLD PLATE PER MIL-G-45204 OVER NICKEL PLATE PER QQ-N-290
BUSHING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions DESC SPEC 85071	TEMPERATURE RATING -65° TO +125°C
Frequency Range (GHz) DC to 22	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 335	Insertion (MAX Lbs) 3	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.05+.005f(GHz) DC to 18 GHz	Withdrawal (MIN Oz) 1	Thermal Shock MIL-STD-202, Method 107, Condition B
1.05+.009f(GHz) 18 to 22 GHz	Force to Engage (In-Lbs MAX) 3	Moisture Resistance MIL-STD-202, Method 106
Insertion Loss (dB MAX) .03x f(GHz)	& Disengage (In-Lbs MAX) 1.5	Corrosion - MIL-STD-202, Method 101, Condition B
RF Leakage (dB MIN) (Interface Only, Fully Mated) -(90-f(GHz))	Center Contact Captivation	
Corona, 70,000 Ft (VRMS MIN) 335	Axial (Lbs) 6	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000	Cable Retention	
Contact Resistance (Milliohms MAX)	Axial Force (Lbs MIN) 30	
Center Contact 2.0	Torque (In-Oz MIN) 16	
Outer Contact 2.0	Weight (Grams)	
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670		
I.R.(Megohms MIN) 5000		

COMPONENT	MATERIAL	FINISH
THIS DRAWING IS A CONTROLLED DOCUMENT.		
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	
	0 PLC ± -	
	1 PLC ± -	
	2 PLC ± -	
	3 PLC ± .005	
	4 PLC ± -	
	ANGLES ± 1°	
MATERIAL	FINISH	

DWN JP 11MAY2007	tyco Electronics	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
CHK R.GIERES		NAME	
APVD T.S.	PRODUCT SPEC		
	APPLICATION SPEC		
	WEIGHT		
	SIZE A2	CAGE CODE 00779	DRAWING NO C=1059467
CUSTOMER DRAWING		SCALE 1:1	SHEET 1 of 1